

For Research Use Only

# TNKS Polyclonal antibody

Catalog Number: 18030-1-AP

Featured Product

9 Publications



## Basic Information

### Catalog Number:

18030-1-AP

### Size:

150ul, Concentration: 600 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG12597

### GenBank Accession Number:

BC098394

### GeneID (NCBI):

8658

### UNIPROT ID:

O95271

### Full Name:

tankyrase, TRF1-interacting ankyrin-related ADP-ribose polymerase

### Calculated MW:

1327 aa, 142 kDa

### Observed MW:

150 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

IF/ICC 1:10-1:100

## Applications

### Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

### Cited Applications:

WB, IHC, IF

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

WB: HeLa cells, Jurkat cells, MCF-7 cells

IP: Jurkat cells,

IHC: mouse testis tissue, human colon cancer tissue

IF/ICC: HepG2 cells,

## Notable Publications

Author	Pubmed ID	Journal	Application
Zhifei Ma	32393760	Cell Death Dis	WB,IHC
Yanmei Ma	34457043	Oncol Lett	IHC, WB, IF
Xiaoxin Guo	39047737	Dev Cell	WB,IF

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

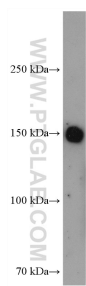
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

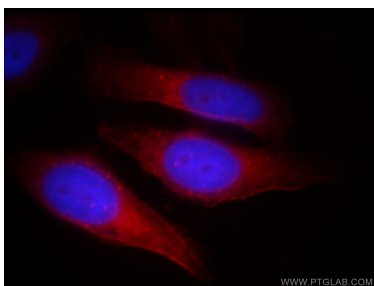
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

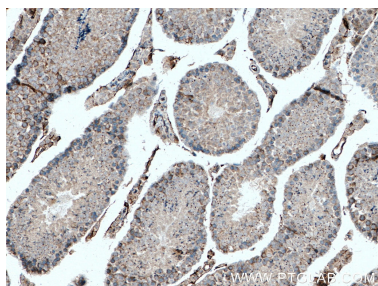
Selected Validation Data



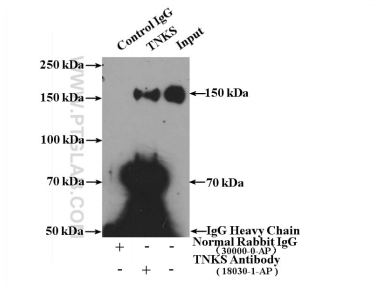
HeLa cells were subjected to SDS PAGE followed by western blot with 18030-1-AP (TNKS antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



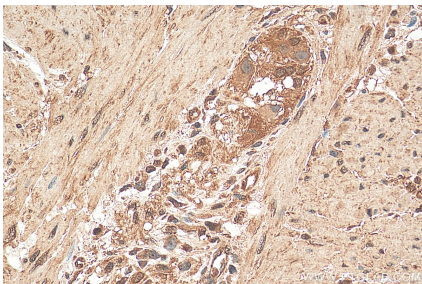
Immunofluorescent analysis of HepG2 cells, using TNKS antibody 18030-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 18030-1-AP (TNKS antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-TNKS (IP:18030-1-AP, 4ug; Detection:18030-1-AP 1:500) with Jurkat cells lysate 3200ug.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 18030-1-AP (TNKS antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).